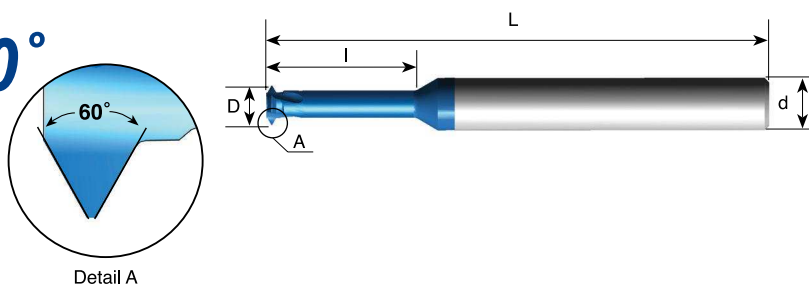


# Mini Mill - Thread

## Partial Profile 60°

Same Tool for Internal and External Thread



Pitch mm	Pitch TPI	Ordering Code	M Coarse	M Fine	UN, UNC, UNS UNF, UNEF	d mm	D	No. of Flutes	I	L
0.25-0.35	100-72	<b>MTI03012C3 A60</b>	M1.6 x 0.35	M1.6 x 0.25 M1.8 x 0.25 M2.0 x 0.25	0-80 UNF	3	1.15	3	3.1	39
0.35-0.45	72-56	<b>MTI03014C4 A60</b>	M2 x 0.4 M2.2 x 0.45	M2 x 0.35 M2.2 x 0.35	1-64 UNC, 1-72 UNF, 2-56 UNC, 2-64 UNF	3	1.40	3	3.7	39
0.35-0.6	72-40	<b>MTI03019C5 A60</b>	M2.5 x 0.45	M2.5 x 0.35 M3 x 0.35	3-84 UNC, 3-56 UNF, 4-40 UNC, 4-48 UNF	3	1.90	3	5.2	39
0.5 -0.8	48-32	<b>MTI03024C7 A60</b>	M3 x 0.5 M3.5 x 0.6	M3.5 x 0.5	5-40 UNC, 5-44 UNF, 6-32 UNC, 6-40 UNF	3	2.45	3	7.0	39
0.5 -1.0	48-24	<b>MTI06032C9 A60</b>	M4 x 0.7 M4.5 x 0.75	M4 x 0.5	8-32 UNC, 8-36 UNF, 10-24 UNC, 10-28 UNS, 10-32 UNF	6	3.20	3	9.5	58
0.5 -1.0	48-24	<b>MTI0604C12 A60</b>	M5 x 0.8 M6 x 1.0	M5 x 0.5 M5.5 x 0.5 M5 x 0.75	10-36 UNS, 10-40 UNS, 10-48 UNS, 12-24 UNC, 12-28 UNF	6	4.00	3	12.5	58

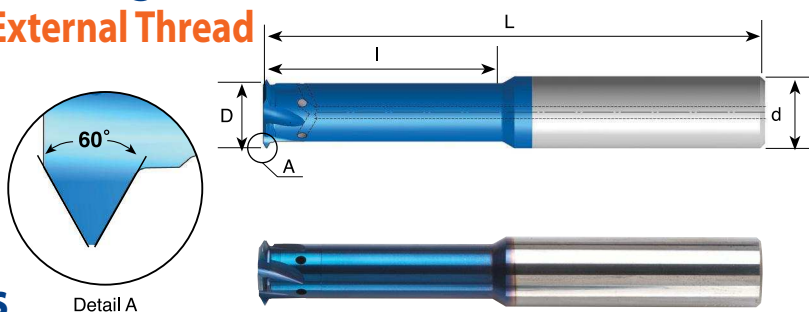
Order example: MTI 03024C7 A60 MT11

Carbide grade: **MT11** Ultra-fine Sub-micron grade with PVD triple Blue coating

## Partial Profile 60°

With internal coolant through the flutes

Same Tool for Internal and External Thread



For threading deep parts

Pitch mm	Pitch TPI	Thread Dia. (mm)	Ordering Code	d	D	No. of Flutes	I	L
Int. 0.5 - 0.8 Ex. 0.4 - 0.8	56-28 64-32	∅ ≥ 6	<b>MTI0605D20 A60</b>	6	5.0	4	20	58
		∅ ≥ 9	<b>MTI0808D28 A60</b>	8	8.0	4	28	64
		∅ ≥ 13	<b>MTI1212E38 A60</b>	12	12.0	5	38	84
Int. 1.0 - 1.75 Ex. 0.8 - 1.5	28-14 32-16	∅ ≥ 10	<b>MTI0808D30 A60</b>	8	8.0	4	30	64
		∅ ≥ 12	<b>MTI1010D35 A60</b>	10	10.0	4	35	73
		∅ ≥ 14	<b>MTI1212E39 A60</b>	12	12.0	5	39	84
Int. 2.0 - 3.0 Ex. 1.75-2.5	13- 8 15-10	∅ ≥ 16	<b>MTI1212E40 A60</b>	12	12.0	5	40	84
		∅ ≥ 18	<b>MTI1614E45 A60</b>	16	14.0	5	45	101
		∅ ≥ 20	<b>MTI1616E50 A60</b>	16	16.0	5	50	101

Order example: MTI 0808D28 A60 MT8

Carbide grade: **MT8** With triple Blue coating